Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(client with (agent program module) with (dispatch$3 distribut$3 select$3) with (server object service) with (execut$3 perform$5 process run$4) with (function$5 request$3 message)) same (select$3 with object with (round-robin (round adj1 robin))) same (select$3 with object with (available availabilit$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:49
L2	0	(client with (agent program module) with (dispatch$3 distribut$3 select$3) with (server object service) with (execut$3 perform$5 process run$4) with (function$5 request$3 message)) same (select$3 with object with (round-robin (round adj1 robin))) same (available availabilit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:48
L3	0	(client same (agent program module) same (dispatch$3 distribut$3 select$3) same (server object service) same (execut$3 perform$5 process run$4) same (function$5 request$3 message)) same (select$3 with object with (round-robin (round adj1 robin))) same (select$3 with object with (available availabilit$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:49
L4	0	(client same (agent program module) same (dispatch$3 distribut$3 select$3) same (server object service) same (execut$3 perform$5 process run$4) same (function$5 request$3 message)) same (select$3 with object with (round-robin (round adj1 robin))) same (available availabilit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:50
L5	10	(client same (agent program module) same (dispatch$3 distribut$3 select$3) same (server object service) same (execut$3 perform$5 process run$4) same (function$5 request$3 message)) same (select$3 with object with (round-robin (round adj1 robin) available availabilit$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:52
L6	1	l5 and 718/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:52
L7	0	l5 and 719/316.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:52

L8	0	l5 and 709/201.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:52

Terms used
client **paragraph** **agent** or **program** or **module** **paragraph** **dispatch** or **distribute** or **select** **paragraph** **object** or **service**

Sort results by [publication date ▼]

Display results [expanded form ▼]

Save results to a B

Search Tips

☐ Open results in a n

Results 41 - 60 of 200
Best 200 shown

Result page:

41 Spoken dialogue technology: enabling the conversational user interface
Michael F. McTear
March 2002   **ACM Computing Surveys (CSUR)**, Volume 34 Issue 1
Publisher: ACM Press
Full text available: 📄 pdf(987.69 KB)   Additional Ir

   Spoken dialogue systems allow users to interact with computer-based applications such as databases a
   concerned with developing conversational interfaces. However, it is only within the last decade or so, v

   Keywords: Dialogue management, human computer interaction, language generation, language unde

42 Components: A component-based application framework for manufacturing execution systems in
Reinhard Füricht, Herbert Prähofer, Thomas Hofinger, Josef Altmann
February 2002   **Proceedings of the Fortieth International Confernece on Tools Pacif**
Publisher: Australian Computer Society, Inc.
Full text available: 📄 pdf(1.12 MB)   Additional Ir

   This paper describes the design and realization of a component-based application framework to develo
   floor/manufacturing environment. The overall goal has been to enable the development of MES softwai

   Keywords: .NET framework, C# language, application frameworks, component-based software develc

43 PACT 2001 workshops: A middleware component supporting flexible user interaction for networl
Tatsuo Nakajima
December 2001   **ACM SIGARCH Computer Architecture News**, Volume 29 Issue 5
Publisher: ACM Press
Full text available: 📄 pdf(768.83 KB)   Additional Ir

   In this paper, we describe a middleware component supporting flexible user interaction for networked
   us to control appliances in a uniform way at any places, and the system allows us to select suitable inp

44 Innovative Document Systems: Mobile agent-based compound documents
Ichiro Satoh
November 2001   **Proceedings of the 2001 ACM Symposium on Document engineering**
Publisher: ACM Press
Full text available: 📄 pdf(567.68 KB)   Additional Ir

This paper presents a mobile agent-based framework for building mobile compound document, which c
it builds a hierarchical mobile agent system that enables multiple mobile agents to be combined into a

45 Untrusted hosts and confidentiality: secure program partitioning

Steve Zdancewic, Lantian Zheng, Nathaniel Nystrom, Andrew C. Myers
October 2001 **ACM SIGOPS Operating Systems Review , Proceedings of the eighte**

Publisher: ACM Press

Full text available: pdf(1.36 MB) Additional Ir

This paper presents secure program partitioning, a language-based technique for protecting confidenti;
with security types that constrain information flow; these programs can then be partitioned automatica

46 Object-oriented composition untangled

Klaus Ostermann, Mira Mezini
October 2001 **ACM SIGPLAN Notices , Proceedings of the 16th ACM SIGPLAN confi**

Publisher: ACM Press

Full text available: pdf(681.61 KB) Additional Ir

Object-oriented languages come with pre-defined composition mechansims, such as inheritance, objec
level. However, often non-standard composition semantics is needed, with a mixture of composition m

47 Session 4: Workflow performance and scalability analysis using the layered queuing modeling m

Kwang-Hoon Kim, Clarence A. Ellis
September 2001 **Proceedings of the 2001 International ACM SIGGROUP Conference (**

Publisher: ACM Press

Full text available: pdf(361.96 KB) Additional Ir

The design and implementation of a workflow management system is typically a large and complex tas
utilized by various users and administrators. These decisions are further complicated by requirements :

Keywords: architectural framework, architectural performance analysis, architectural quality attribute
architectures

48 A Survey of Energy Efficient Network Protocols for Wireless Networks

Christine E. Jones, Krishna M. Sivalingam, Prathima Agrawal, Jyh Cheng Chen
September 2001 **Wireless Networks**, Volume 7 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(271.55 KB) Additional Ir

Wireless networking has witnessed an explosion of interest from consumers in recent years for its appl
will be an important design consideration due to the limited battery life of mobile terminals. Power con

Keywords: energy efficient design, low-power design, mobile computing, network protocols,, power a

49 A component model for standardized web-based education

August 2001 **Journal on Educational Resources in Computing (JERIC)**

Publisher: ACM Press

Full text available: pdf(384.31 KB) Additional Ir

We present a layered component model to support Web-based collaborative applications. We show hov
management. The proposed model is organized into three layers on top of a foundation composed of ci

Keywords: authoring tools, collaborative systems, educational web applications, learning technology :

50

Integrating and customizing heterogeneous e-commerce applications

Anat Eyal, Tova Milo
August 2001 **The VLDB Journal — The International Journal on Very Large Data B**
Publisher: Springer-Verlag New York, Inc.
Full text available: pdf(286.63 KB) Additional Ir

A broad spectrum of electronic commerce applications is currently available on the Web, providing ser\
on the integration and customization of existing applications. (Web shopping malls and support for con

Keywords: Application integration, Data integration, Electronic commerce

51 m-links: An infrastructure for very small internet devices
Bill N. Schilit, Jonathan Trevor, David M. Hilbert, Tzu Khiau Koh
July 2001 **Proceedings of the 7th annual international conference on Mobile cd**
Publisher: ACM Press
Full text available: pdf(680.78 KB) Additional Ir

In this paper we describe the Mobile Link (m-Links) infrastructure for utilizing existing World Wide Web
functionality while sacrificing usability as Internet terminals. In order to provide access on such limited

Keywords: middleware, proxy, web phones, wireless, wireless web

52 Increasing the reliability of control systems with agent technology
July 2001 **ACM SIGAPP Applied Computing Review**, Volume 9 Issue 2
Publisher: ACM Press
Full text available: pdf(954.43 KB) Additional Ir

This paper describes how Software Agents technology can be used to increase the reliability of a contrd
Agent technology can improve SCADA systems as it allows distribution, which inherently promotes redi

53 Parallel execution of prolog programs: a survey
Gopal Gupta, Enrico Pontelli, Khayri A.M. Ali, Mats Carlsson, Manuel V. Hermenegildo
July 2001 **ACM Transactions on Programming Languages and Systems (TOPLA**
Publisher: ACM Press
Full text available: pdf(1.95 MB) Additional Ir

Since the early days of logic programming, researchers in the field realized the potential for exploitatio
characteristics, make logic programs interesting candidates for obtaining speedups through parallel exd

Keywords: Automatic parallelization, constraint programming, logic programming, parallelism, prolog

54 Communication management experiences in e-commerce: using a multiagent system to provide
Francisco Valera, Jorge E. López de Vergara, José I. Moreno, Víctor A. Villagrá, Julio Berrocal
April 2001 **Communications of the ACM**, Volume 44 Issue 4
Publisher: ACM Press
Full text available: pdf(175.96 KB) html(35.17 KB) Additional Information: full citation, references, index term

55 Dynamic analysis of security protocols
Alec Yasinsac
February 2001 **Proceedings of the 2000 workshop on New security paradigms**
Publisher: ACM Press
Full text available: pdf(871.04 KB) Additional Information: full citation, references, citings, index terms

56 The distributed mission training integrated threat environment system architecture and design
Martin R. Stytz, Sheila B. Banks
January 2001   **ACM Transactions on Modeling and Computer Simulation (TOMACS)**
Publisher: ACM Press
Full text available: pdf(151.20 KB)   Additional Ir

We describe the architecture, design, components, and functionality of the Distributed Mission Training
actors (CGAs) in distributed simulations. The architecture and design employ object-oriented technique

Keywords: advanced distributed simulation, components, computer-generated actors, computer-gene
architectures, virtual environments, wargames

57 Agent-based modeling and simulation: An agent-based framework for linking distributed simulati
Linda F. Wilson, Daniel Burroughs, Jeanne Sucharitaves, Anush Kumar
December 2000   **Proceedings of the 32nd conference on Winter simulation**
Publisher: Society for Computer Simulation International
Full text available: pdf(201.92 KB)   Additional Ir

Simulations often operate on static datasets and data sources, but many simulations would benefit froi
remote data resources. The framework allows independently-designed simulations to communicate see

58 The Satchel system architecture: mobile access to documents and services
Mike Flynn, David Pendlebury, Chris Jones, Marge Eldridge, Mik Lamming
December 2000   **Mobile Networks and Applications**, Volume 5 Issue 4
Publisher: Kluwer Academic Publishers
Full text available: pdf(207.51 KB)   Additional Ir

Mobile professionals require access to documents and document‐related services, such as printin
security characteristics. The Satchel system provides such capabilities in the form of a mobile browser,

59 OceanStore: an architecture for global-scale persistent storage
John Kubiatowicz, David Bindel, Yan Chen, Steven Czerwinski, Patrick Eaton, Dennis Geels, Ramakrishna
November 2000   **ACM SIGARCH Computer Architecture News , ACM SIGOPS Operatin**
                     ASPLOS-IX, Volume 28 , 34 Issue 5 , 5
Publisher: ACM Press
Full text available: pdf(166.53 KB)   Additional Ir

OceanStore is a utility infrastructure designed to span the globe and provide continuous access to pers
performance, data is allowed to be cached anywhere, anytime. Additionally, monitoring of usage pattei

60 OceanStore: an architecture for global-scale persistent storage
John Kubiatowicz, David Bindel, Yan Chen, Steven Czerwinski, Patrick Eaton, Dennis Geels, Ramakrishan
November 2000   **ACM SIGPLAN Notices**, Volume 35 Issue 11
Publisher: ACM Press
Full text available: pdf(1.47 MB)   Additional Ir

OceanStore is a utility infrastructure designed to span the globe and provide continuous access to pers
performance, data is allowed to be cached anywhere, anytime. Additionally, monitoring of usage pattei

Results 41 - 60 of 200   Result page

The ACM Porta

Useful downloa

Subscribe (Full Service)   Register (Limited Service, Free)   Login

Search: ⦿ The ACM Digital Library   ○ The Guide

(client <paragraph> (agent or program or module) <paragrap

THE ACM DIGITAL LIBRARY

Terms used
client paragraph agent or **program** or **module paragraph dispatch** or **distribute** or **select paragraph object** or **service**

Sort results by |publication date ▼|

Display results |expanded form ▼|

🏵 Save results to a B

🔲 Search Tips

☐ Open results in a n‹

Results 61 - 80 of 200   Result page: previous 1 2 3 **4**
Best 200 shown

61 Testing Intrusion detection systems: a critique of the 1998 and 1999 DARPA intrusion detection
November 2000   **ACM Transactions on Information and System Security (TISSEC)**, Vo
Publisher: ACM Press
Full text available: 📄 pdf(156.16 KB)   Additional Ir

> In 1998 and again in 1999, the Lincoln Laboratory of MIT conducted a comparative evaluation of intrus
> issues associated with its design and execution that remain unsettled. Some methodologies used in the

> **Keywords**: computer security, intrusion detection, receiver operating curves (ROC), software evaluati

62 PIROL: a case study for multidimensional separation of concerns in software engineering enviror
Stephan Herrmann, Mira Mezini
October 2000   **ACM SIGPLAN Notices , Proceedings of the 15th ACM SIGPLAN conf‹**
Publisher: ACM Press
Full text available: 📄 pdf(441.79 KB)   Additional Ir

> In this paper, we present our experience with applying multidimensional separation of concerns to a sc
> implementation of the individual concerns. We present a model in which integration issues are encapsι

> **Keywords**: component integration, domain—specific language, separation of concerns, software engir

63 Cellular disco: resource management using virtual clusters on shared-memory multiprocessors
Kinshuk Govil, Dan Teodosiu, Yongqiang Huang, Mendel Rosenblum
August 2000   **ACM Transactions on Computer Systems (TOCS)**, Volume 18 Issue 3
Publisher: ACM Press
Full text available: 📄 pdf(287.05 KB)   Additional Ir

> Despite the fact that large-scale shared-memory multiprocessors have been commercially available for
> operating system. A recently proposed approach, called Disco, substantially reduces this development

> **Keywords**: fault containment, resource managment, scalable multiprocessors, virtual machines

64 Chimera: hypermedia for heterogeneous software development enviroments
Kenneth M. Anderson, Richard N. Taylor, E. James Whitehead
July 2000   **ACM Transactions on Information Systems (TOIS)**, Volume 18 Issue 3
Publisher: ACM Press

Full text available: pdf(864.32 KB)   Additional Ir

> Emerging software development environments are characterized by heterogeneity: they are composed
> of the approach include the following: anchors are established with respect to interactive views of obje

Keywords: heterogeneous hypermedia, hypermedia system architectures, link servers, open hyperme

65 Improving interactive performance using TIPME

Yasuhiro Endo, Margo Seltzer
June 2000   **ACM SIGMETRICS Performance Evaluation Review , Proceedings of**

Publisher: ACM Press
Full text available: pdf(1.05 MB)   Additional Ir

> On the vast majority of today's computers, the dominant form of computation is GUI-based user intera
> affected by unexpectedly long delays. However, most performance-tuning techniques currently rely on

Keywords: interactive performance, monitoring

66 Asynchronous information space analysis architecture using content and structure-based service

Ke-Thia Yao, In-Young Ko, Ragy Eleish, Robert Neches
June 2000   **Proceedings of the fifth ACM conference on Digital libraries**

Publisher: ACM Press
Full text available: pdf(470.15 KB)   Additional Ir

> Our project focuses on rapid formation and utilization of custom collections of information for groups fc
> requires understanding what information management services and tools are provided by the system,

Keywords: asynchronous service access, component architecture, content and structure, data-driven

67 Interoperation support for electronic business

Jian Yang, Mike P. Papazoglou
June 2000 **Communications of the ACM**, Volume 43 Issue 6

Publisher: ACM Press
Full text available: pdf(156.43 KB)
                                     html(47.63 KB)   Additional Information: full citation, references, citings, index terms

68 Software engineering and the Internet: a roadmap

Luca Bompani, Paolo Ciancarini, Fabio Vitali
May 2000 **Proceedings of the Conference on The Future of Software Engineering**

Publisher: ACM Press
Full text available: pdf(1.73 MB)   Additional Information: full citation, references, citings, index terms

69 Design and analysis of low-power access protocols for wireless and mobile ATM networks

Krishna M. Sivalingam, Jyh-Cheng Chen, Prathima Agrawal, Mani B. Srivastava
January 2000   **Wireless Networks**, Volume 6 Issue 1

Publisher: Kluwer Academic Publishers
Full text available: pdf(233.13 KB)   Additional Ir

> This paper describes the design and analysis of a low‐power medium access control (MAC&ı
> support different traffic types with quality‐of‐service (QoS) provisions. The netv

70 A public-key based secure mobile IP

John Zao, Joshua Gahm, Gregory Troxel, Matthew Condell, Pam Helinek, Nina Yuan, Isidro Castineyra, St
October 1999 **Wireless Networks**, Volume 5 Issue 5
Publisher: Kluwer Academic Publishers
Full text available: pdf(255.65 KB)   Additional Information: full citation, references, citings, index terms

---

71 PRIME—toward process-integrated modeling environments: 1
Klaus Pohl, Klaus Weidenhaupt, Ralf Dömges, Peter Haumer, Matthias Jarke, Ralf Klamma
October 1999   **ACM Transactions on Software Engineering and Methodology (TOSE**
Publisher: ACM Press
Full text available: pdf(1.15 MB)   Additional Ir

Research in process-centered environments (PCEs) has focused on project management support and h
languages and enactment mechanisms. The consequences of process orientation on the computer-bas

Keywords: PRIME, method guidance, process modeling, process-centered environments, process-inte

---

72 Reducing maintenance costs through the application of modern software architecture principles
Christine Hulse, Scott Edgerton, Michael Ubnoske, Louis Vazquez
September 1999   **ACM SIGAda Ada Letters , Proceedings of the 1999 annual ACM SIG.**
Publisher: ACM Press
Full text available: pdf(796.32 KB)   Additional Ir

Large software programs are usually long lived and continually evolve. Substantial maintenance effort
architect's intentions about software organization is required. Software maintenance costs can be redu

Keywords: architecture, design patterns, modeling, real-time software, software maintenance

---

73 Sequential thematic organization of publications: how to achieve coherence in proposals and rep
J. R. Tracey, D. E. Rugh, W. S. Starkey
August 1999 **ACM SIGDOC Asterisk Journal of Computer Documentation**, Volume 23 Issue 3
Publisher: ACM Press
Full text available: pdf(3.80 MB)   Additional Information: full citation, index terms

---

74 Flexible collaboration transparency: supporting worker independence in replicated application-sh
James Begole, Mary Beth Rosson, Clifford A. Shaffer
June 1999   **ACM Transactions on Computer-Human Interaction (TOCHI),** Volume
Publisher: ACM Press
Full text available: pdf(312.22 KB)   Additional Ir

This article presents a critique of conventional collaboration transparency systems, also called "applicat
inefficient in their use of network resources and lack support for key groupware principles: concurrent

Keywords: Flexible JAMM, Java, application sharing, collaboration transparency, computer-supported

---

75 A catalog of techniques for resolving packaging mismatch
Robert DeLine
May 1999   **Proceedings of the 1999 symposium on Software reusability**
Publisher: ACM Press
Full text available: pdf(1.22 MB)   Additional Information: full citation, references, citings, index terms

Keywords: COT and component brokers, component-based engineering, interface issues, software arc

76 Architectural framework modeling in telecommunication domain
Giulio Fregonese, Alessandro Zorer, Giovanni Cortese
May 1999 **Proceedings of the 21st international conference on Software engineerir**
Publisher: IEEE Computer Society Press
Full text available: pdf(1.12 MB)   Additional Information: full citatio

Keywords: architectural patterns, design patterns, distributed systems, domain analysis, network anc

77 Prototyping advanced warfare gaming capabilities for the 21st century warfighter
Curtis L. Blais
December 1998 **Proceedings of the 30th conference on Winter simulation**
Publisher: IEEE Computer Society Press
Full text available: pdf(83.98 KB)   Additional Information: full citation, references, citings, index term:

78 Migrating sockets—end system support for networking with quality of service guarantees
David K. Y. Yau, Simon S. Lam
December 1998 **IEEE/ACM Transactions on Networking (TON)**, Volume 6 Issue 6
Publisher: IEEE Press
Full text available: pdf(369.10 KB)   Additional Information: full citation, references, index terms

Keywords: CPU scheduling, bandwidth scheduling, packet demultiplexing, quality of service guarantee

79 Component-based e-commerce: assessment of current practices and future directions
Martin Bichler, Arie Segev, J. Leon Zhao
December 1998 **ACM SIGMOD Record**, Volume 27 Issue 4
Publisher: ACM Press
Full text available: pdf(759.85 KB)   Additional Ir

Component-based e-commerce technology is a recent trend towards resolving the e-commerce challen
systems consist of a lightweight kernel to which new features can be added in the form of components

80 Comparative analysis of wireless ATM channel access protocols supporting multimedia traffic
Jyh-Cheng Chen, Krishna M. Sivalingam, Raj Acharya
September 1998 **Mobile Networks and Applications**, Volume 3 Issue 3
Publisher: Kluwer Academic Publishers
Full text available: pdf(256.73 KB)   Additional Ir

Extension of multimedia services and applications offered by ATM networks to wireless and mobile usei
institutions. Various architectures have been proposed depending on the intended application domain.